Figure 1
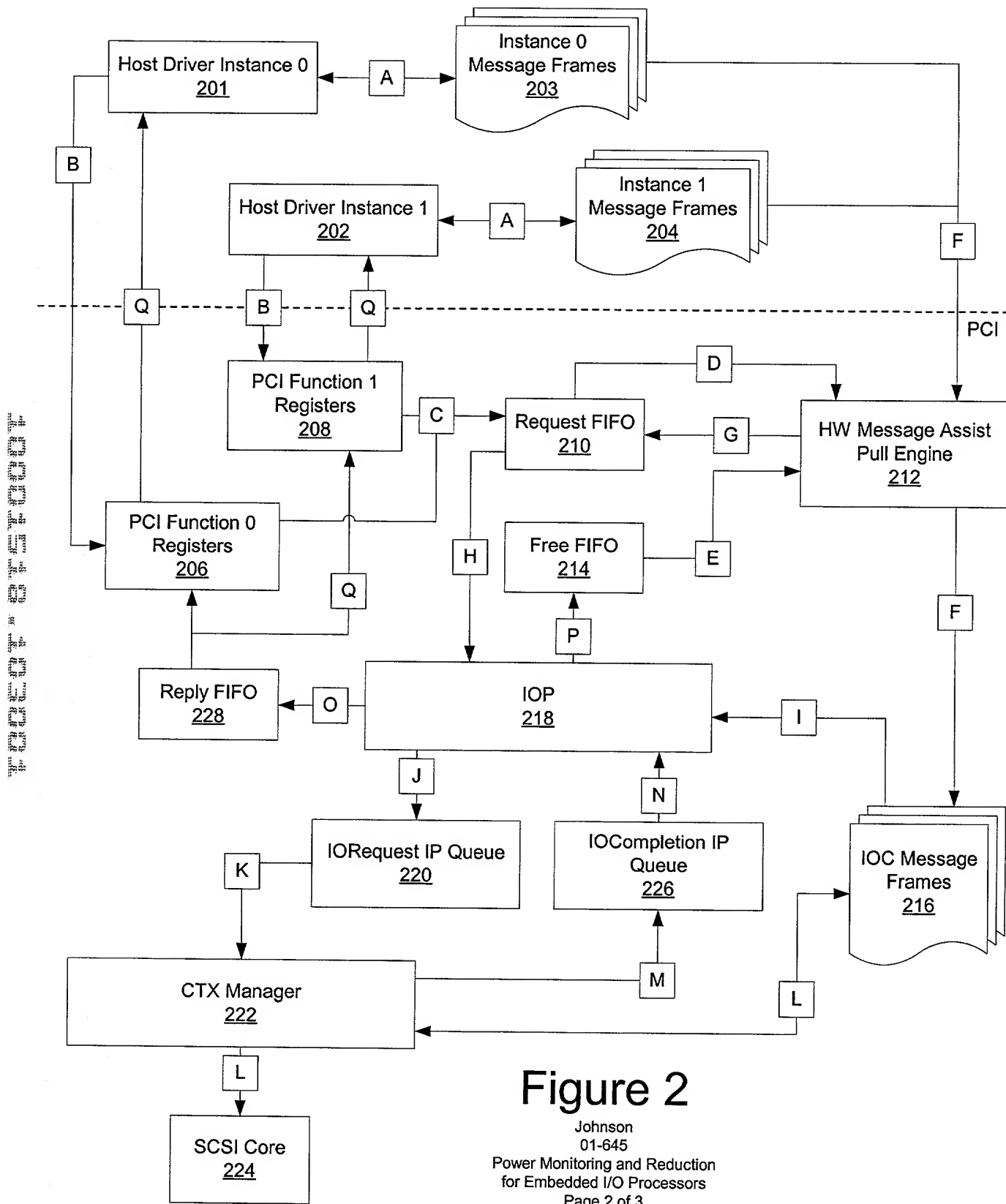
Figure 2

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Figure 3

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Enter IOP Polling Loop

Read IOPIntStatus Register
302

Timer?
304

Temp <= T1?
306

MaxCount = Max I/O Count
308

Temp > T1 & Temp <=T2?
310

MaxCount = M1
312

Temp >T2 & Temp <= MaxTemp?
314

MaxCount = M2
316

MaxCount = 0
318

SysRequest FIFO Interrupt?
320

MaxCount > 0?
322

Decrement MaxCount
324

Process I/O
326

yes / no